

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026400.D
 Acq On : 23 Mar 2017 13:16
 Operator : SJ/MA
 Sample : I2356-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 24 00:59:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	134049	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	547634	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	319288	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	781432	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	990245	20.00	ng	-0.01
86) Perylene-d12	24.80	264	953234	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	283481	37.53	ng	0.00
7) Phenol-d6	7.20	99	220979	21.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	725142	79.62	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	356529	97.51	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2123827	93.28	ng	0.00
78) Terphenyl-d14	19.97	244	2722187	66.76	ng	-0.01

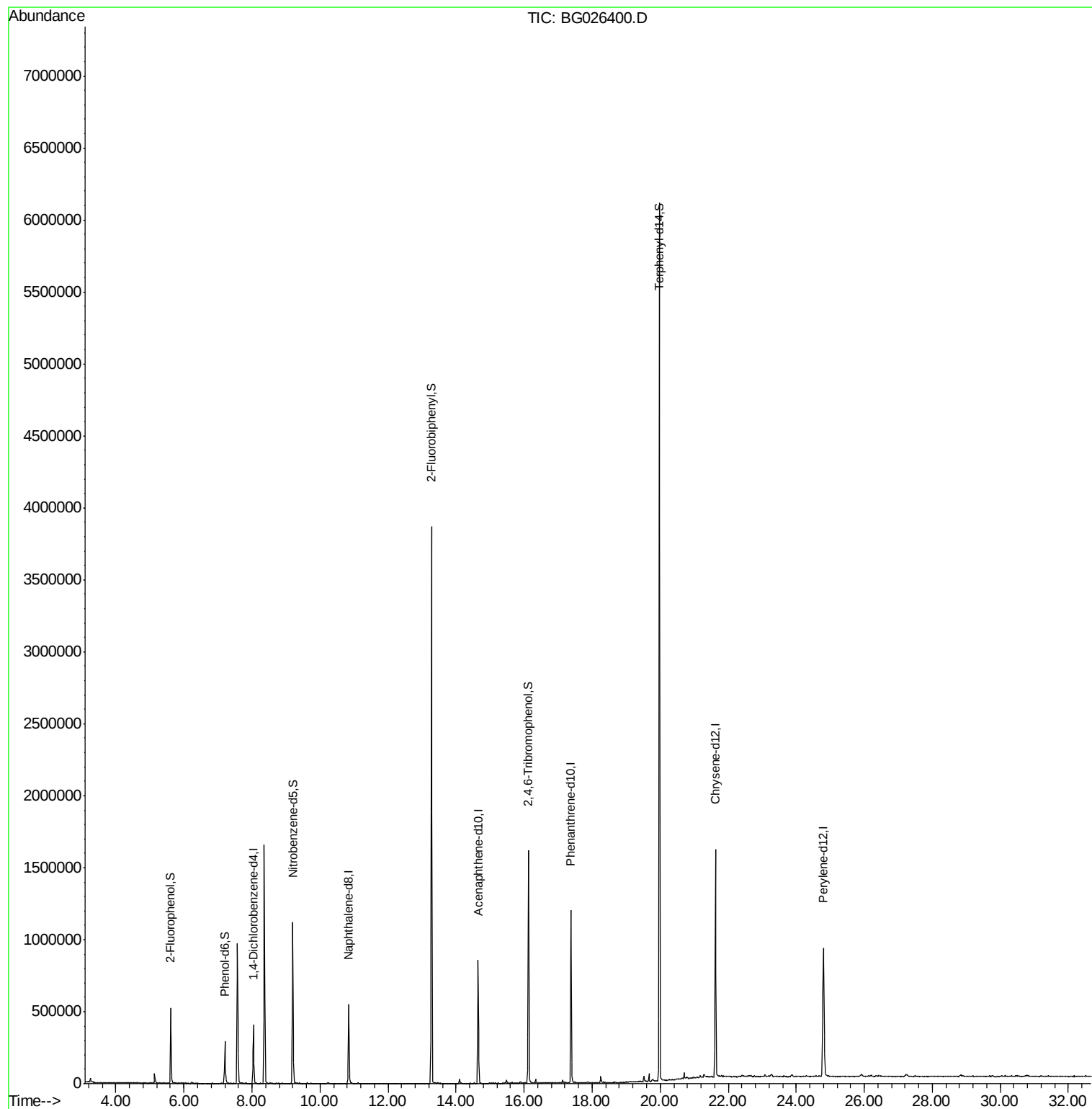
Target Compounds Qvalue

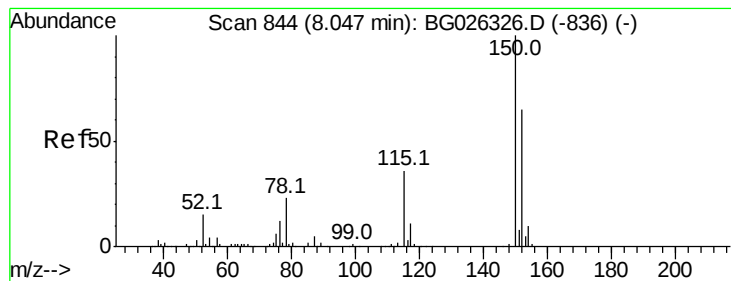
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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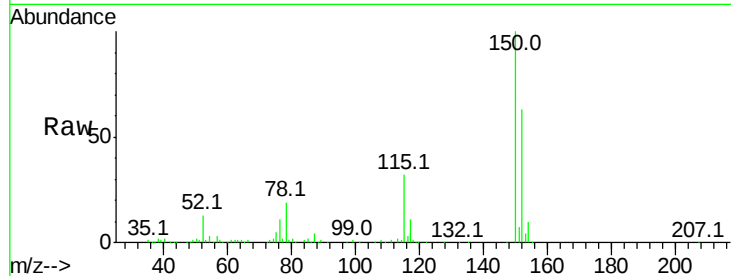


#1

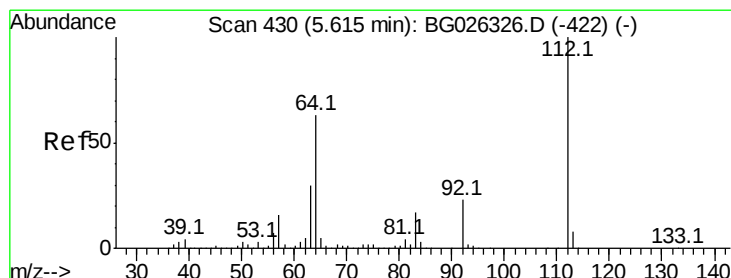
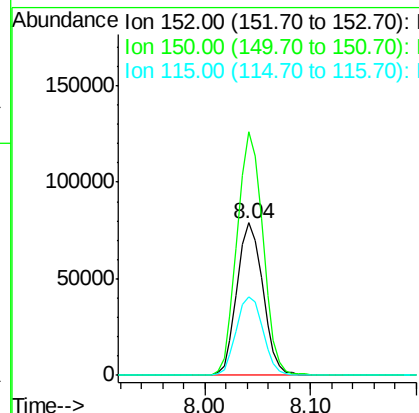
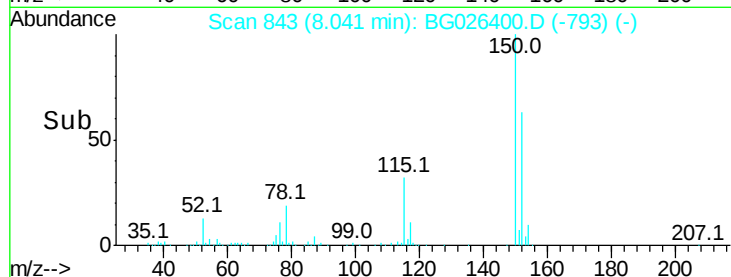
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026400.D
Acq: 23 Mar 2017 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 134049
Ion Ratio Lower Upper
152 100
150 159.9 114.0 171.0
115 51.7 48.1 72.1



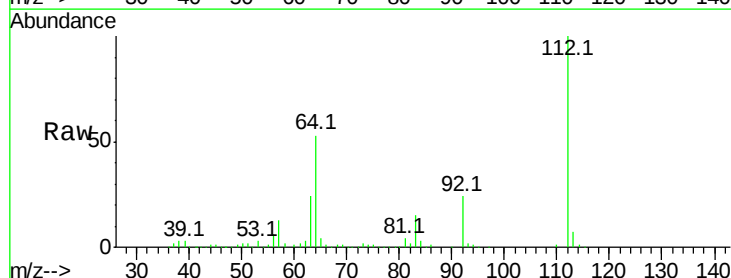
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



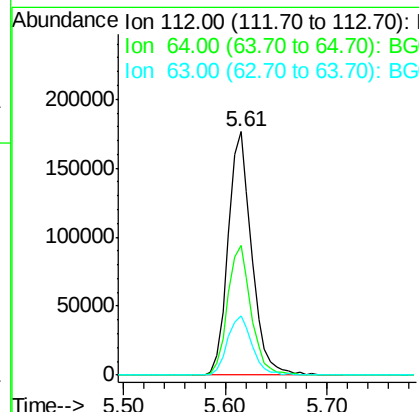
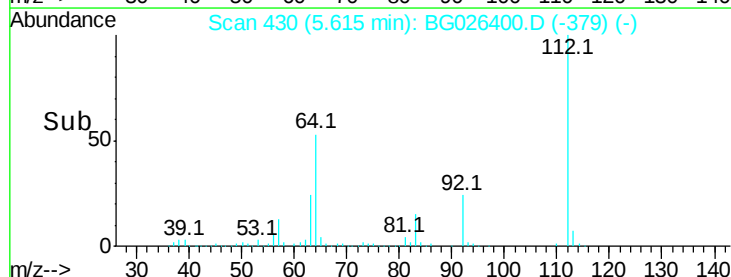
#5

2-Fluorophenol
Concen: 37.53 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026400.D
Acq: 23 Mar 2017 13:16

Tgt Ion:112 Resp: 283481
Ion Ratio Lower Upper
112 100
64 53.0 61.8 92.6#
63 24.2 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.79 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026400.D

Acq: 23 Mar 2017 13:16

Instrument :

BNA_G

ClientSampleId :

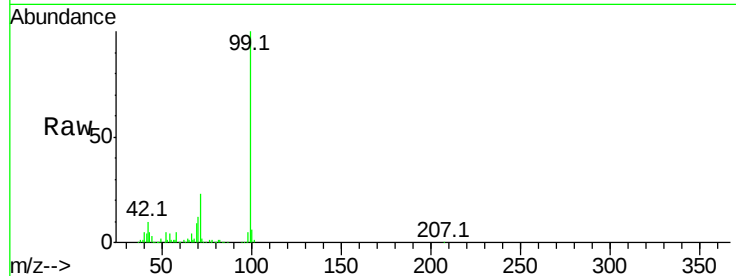
Tot Ion: 99 Resp: 220979

Ion Ratio Lower Upper

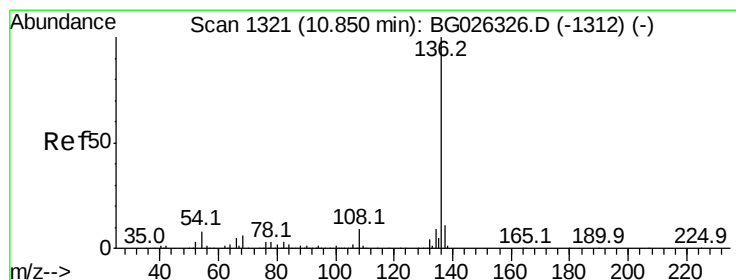
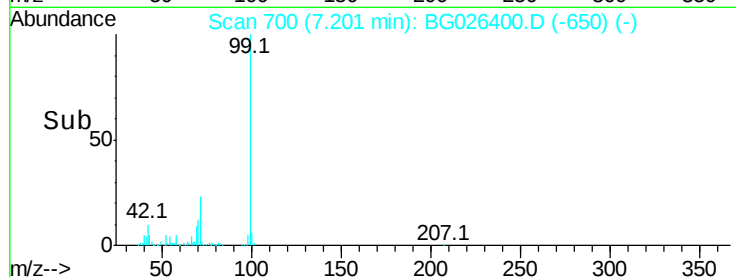
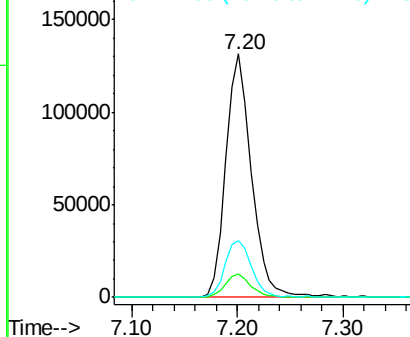
99 100

42 9.7 20.5 30.7#

71 23.5 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026400.D

Acq: 23 Mar 2017 13:16

Tgt Ion: 136 Resp: 547634

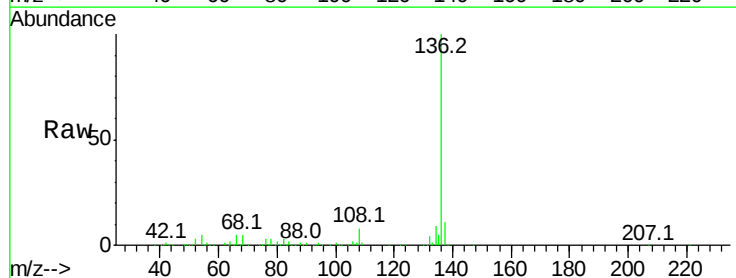
Ion Ratio Lower Upper

136 100

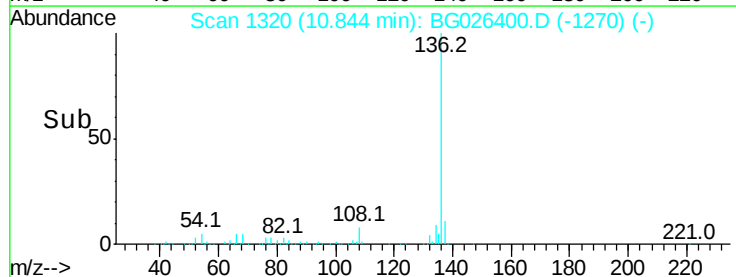
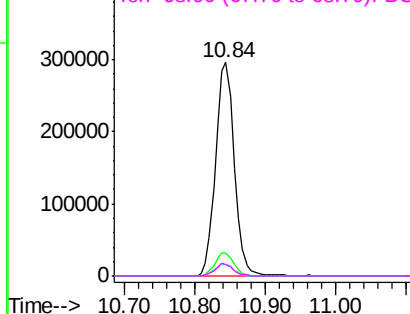
137 11.0 8.9 13.3

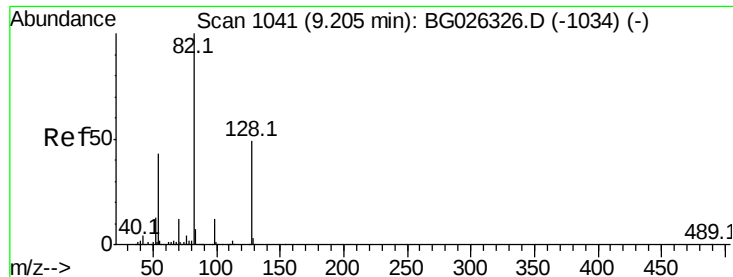
54 5.4 9.3 13.9#

68 5.4 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

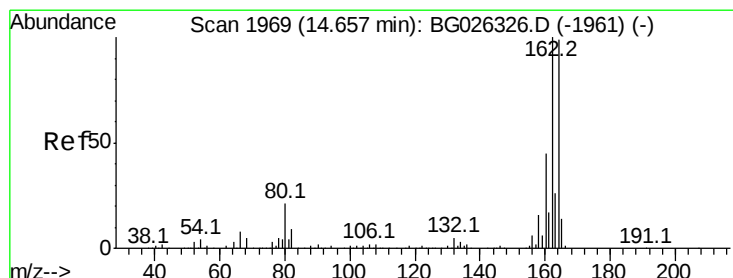
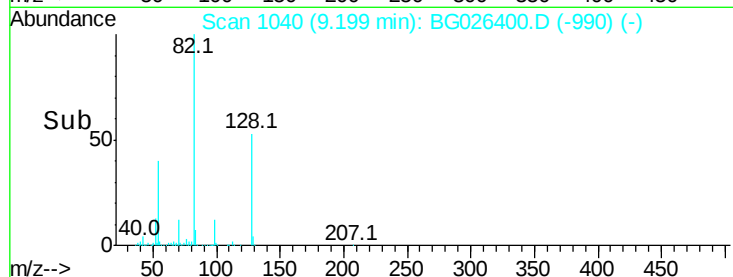
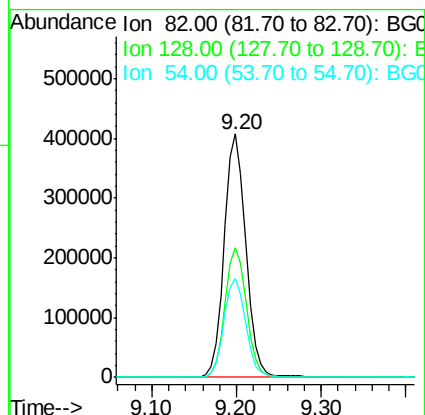
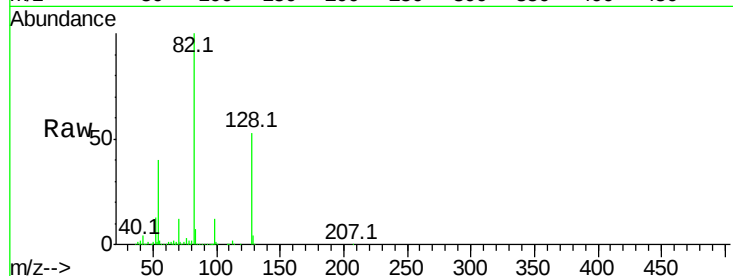




#23
Nitrobenzene-d5
Concen: 79.62 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026400.D
Acq: 23 Mar 2017 13:16

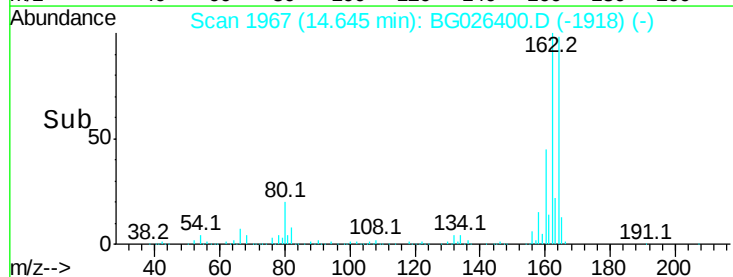
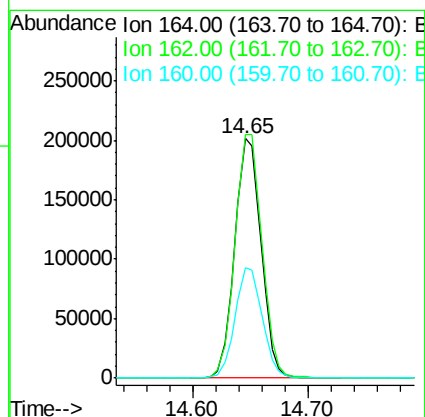
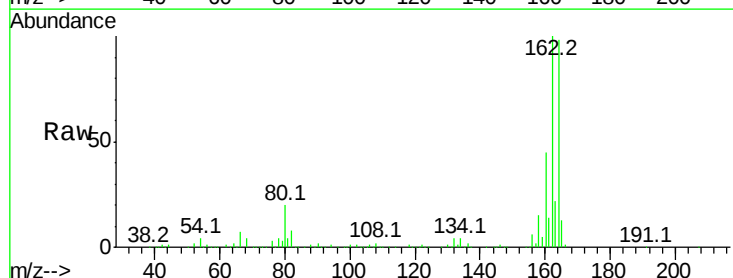
Instrument :
BNA_G
ClientSampled :

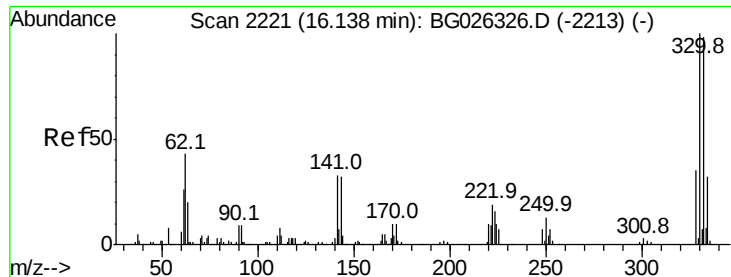
Tot Ion	82	Resp	725142
Ion Ratio	Lower	Upper	
82	100		
128	53.2	26.4	39.6#
54	40.4	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026400.D
Acq: 23 Mar 2017 13:16

Tgt Ion	164	Resp	319288
Ion Ratio	Lower	Upper	
164	100		
162	101.8	85.1	127.7
160	46.0	34.7	52.1

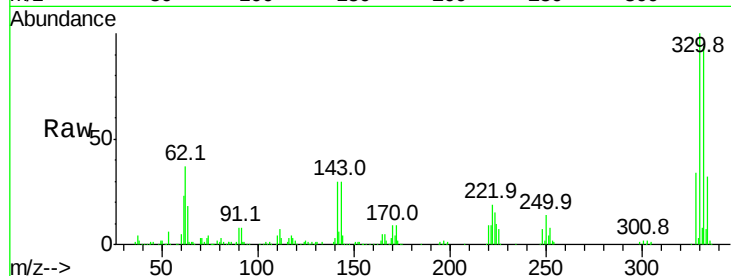




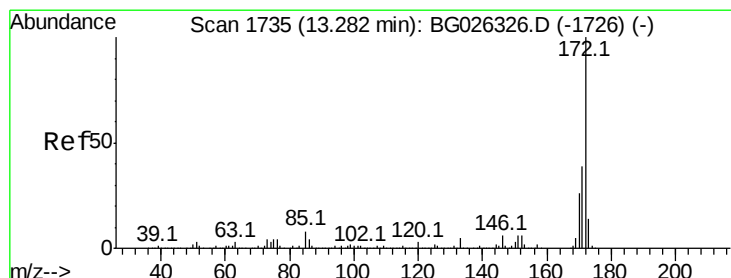
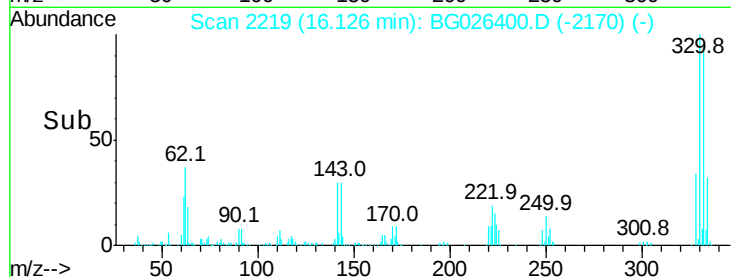
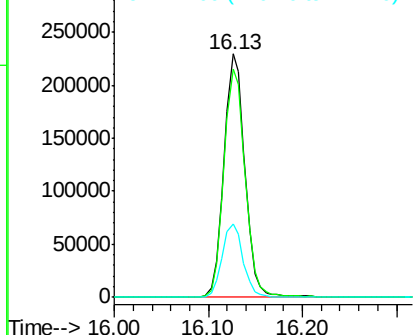
#41
 2,4,6-Tribromophenol
 Concen: 97.51 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026400.D
 Acq: 23 Mar 2017 13:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 356529
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 30.4 32.1 48.1#

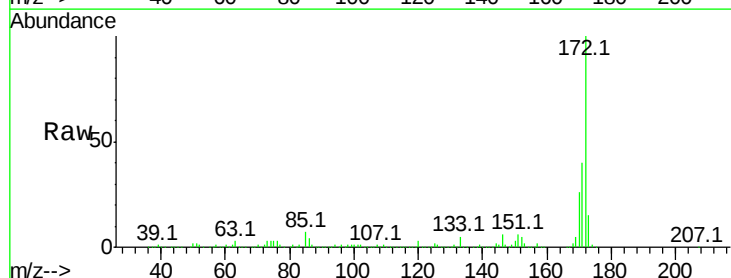


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

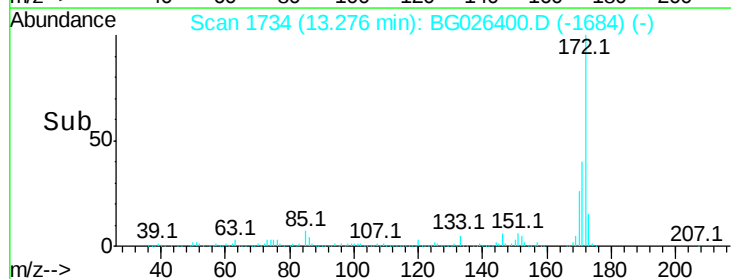
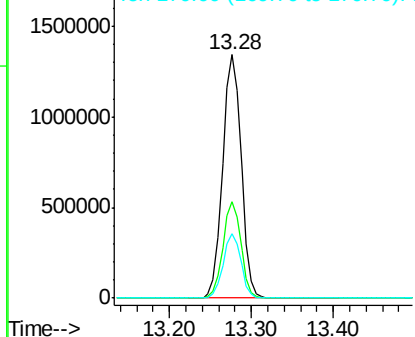


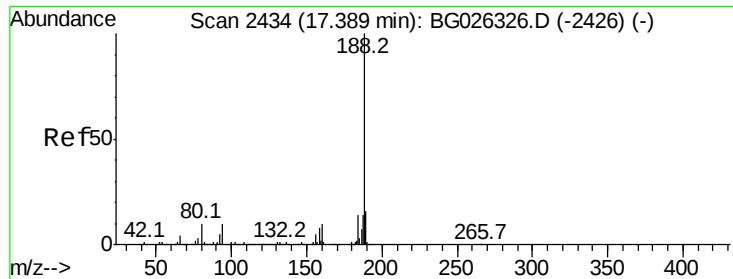
#44
 2-Fluorobiphenyl
 Concen: 93.28 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026400.D
 Acq: 23 Mar 2017 13:16

Tgt Ion:172 Resp: 2123827
 Ion Ratio Lower Upper
 172 100
 171 39.6 32.2 48.2
 170 26.3 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026400.D

Acq: 23 Mar 2017 13:16

Instrument :

BNA_G

ClientSampleId :

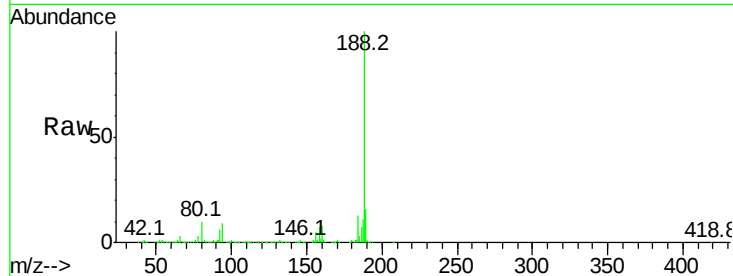
Tot Ion:188 Resp: 781432

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

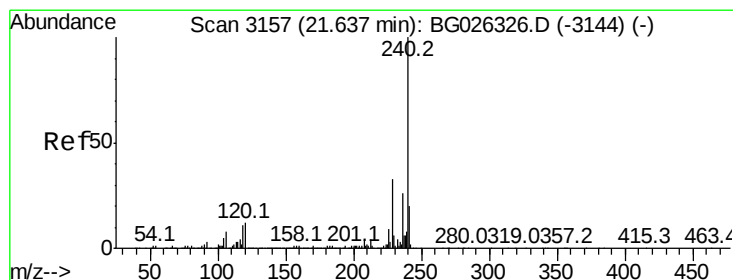
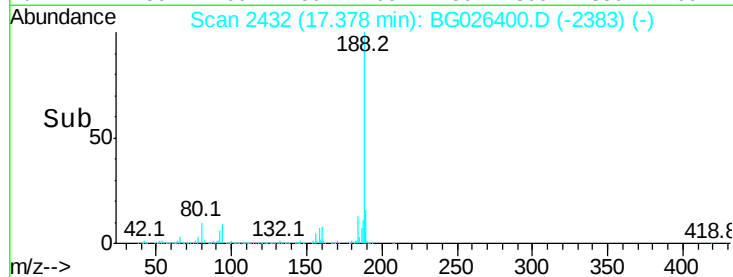
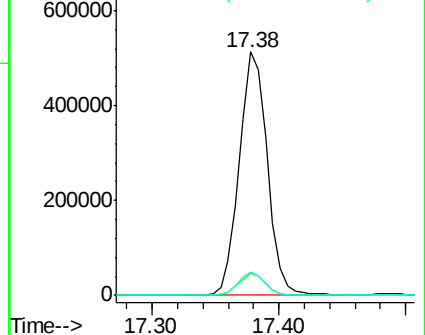
80 9.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026400.D

Acq: 23 Mar 2017 13:16

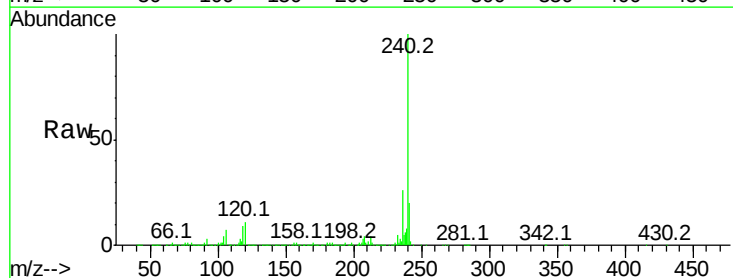
Tgt Ion:240 Resp: 990245

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

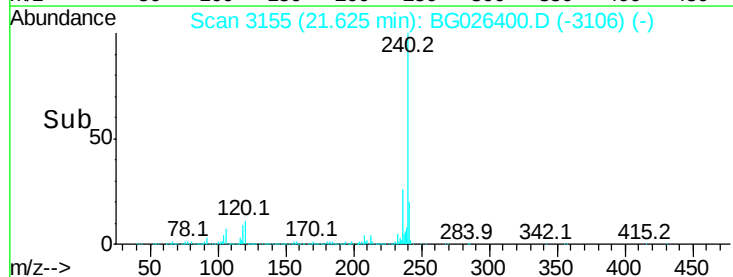
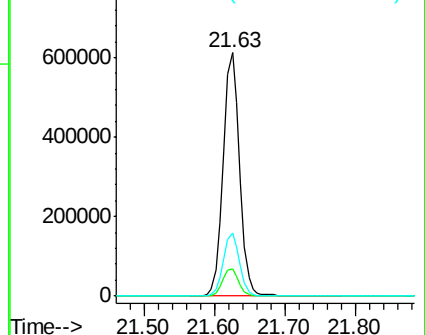
236 26.0 22.2 33.4

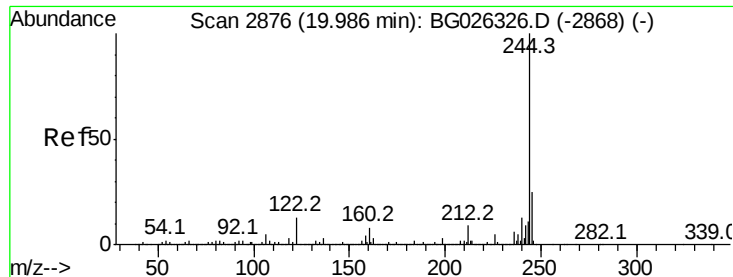


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



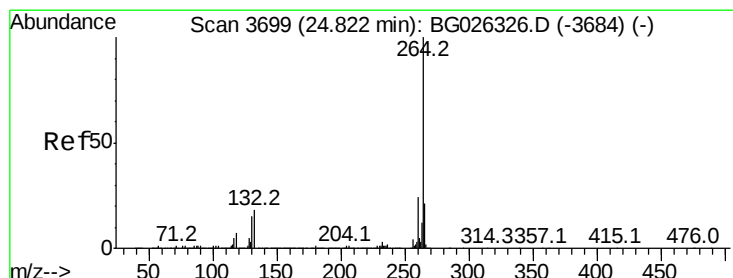
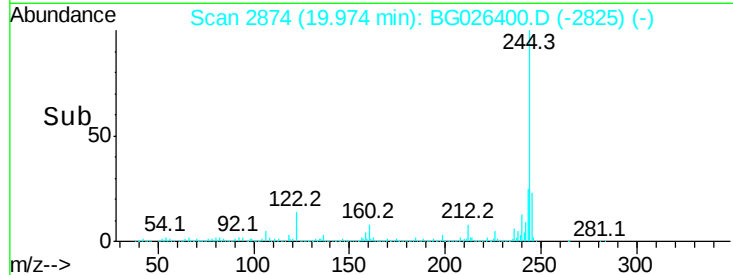
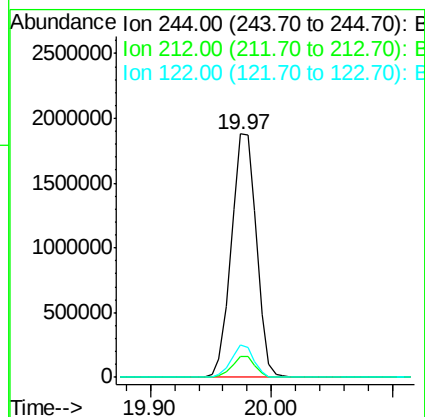
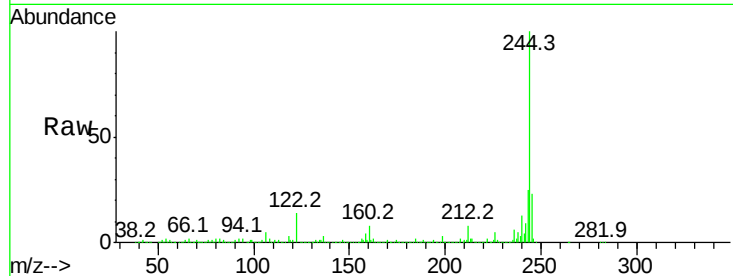


#78
 Terphenyl-d14
 Concen: 66.76 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG026400.D
 Acq: 23 Mar 2017 13:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2722187

Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	13.6	8.6	12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3695
 Delta R.T. -0.02 min
 Lab File: BG026400.D
 Acq: 23 Mar 2017 13:16

Tgt Ion:264 Resp: 953234

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	22.2	18.2	27.4

